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* * * * * Welcome to STN International * * * * *

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NEWS 5 JAN 28 MARPAT searching enhanced
NEWS 6 JAN 28 USGENE now provides USPTO sequence data within 3 days
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NEWS 13 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
U.S. National Patent Classification
NEWS 14 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom
IPC display formats
NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental
spectra
NEWS 16 MAR 31 CA/CAPLUS and CASREACT patent number format for U.S.
applications updated
NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new
predefined hit display formats
NEWS 21 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 23 MAY 30 INPAPAFAMDB now available on STN for patent family
searching
NEWS 24 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology
sequence search option
NEWS 25 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 26 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 27 JUN 13 USPATFULL and USPAT2 updated with 11-character
patent numbers for U.S. applications

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:53:47 ON 13 JUN 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:53:57 ON 13 JUN 2008
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STRUCTURE FILE UPDATES: 12 JUN 2008 HIGHEST RN 1027805-40-8
DICTIONARY FILE UPDATES: 12 JUN 2008 HIGHEST RN 1027805-40-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

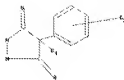
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10567383_embedded.str



```

chain nodes :
6 7 15 17
ring nodes :
1 2 3 4 5 8 9 10 11 12 13
chain bonds :
1-6 2-9 2-15 3-7
ring bonds :
1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 1-6 2-3 2-15 3-4 3-7 4-5
exact bonds :
2-9
normalized bonds :
8-9 8-13 9-10 10-11 11-12 12-13
isolated ring systems :
containing 8 :
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G1:NO2,X

G2:Cb,Cy,Hy

Match level :

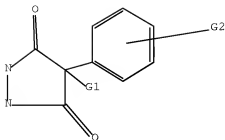
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 15:CLASS 17:CLASS 18:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 NO₂,X
G2 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.46	0.67

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:54:31 ON 13 JUN 2008
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FILE COVERS 1907 - 13 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 12 Jun 2008 (20080612/ED)

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=> s L1 SSS full
REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 12:54:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS
SEARCH TIME: 00.00.01

67 ANSWERS

L2 67 SEA SSS FUL L1

L3 1 L2

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.48

179.99

FILE 'MARPAT' ENTERED AT 12:54:50 ON 13 JUN 2008
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FILE CONTENT: 1961-PRESENT VOL 148 ISS 22 (20080606/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 20080103156 01 MAY 2008
DE 102006050026 17 APR 2008
EP 1911850 16 APR 2008
JP 2008098481 24 APR 2008
WO 2008052444 08 MAY 2008
GB 2442841 16 APR 2008
FR 2907120 18 APR 2008
RU 2322475 20 APR 2008
CA 2562661 05 APR 2008

Expanded G-group definition display now available.

Effective December 15th the iteration and answer limits in MARPAT
have increased from 100,000 to 200,000 for both on-line and batch
searches. For more information on MARPAT search limits, type HELP
SLIMITS at an arrow prompt.

=> s L1 SSS full

FULL SEARCH INITIATED 12:54:55 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 5141 TO ITERATE

100.0% PROCESSED 5141 ITERATIONS
SEARCH TIME: 00.00.05

3 ANSWERS

L4 3 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

125.26

305.25

FILE 'CAPLUS' ENTERED AT 12:55:05 ON 13 JUN 2008
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FILE COVERS 1907 - 13 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 12 Jun 2008 (20080612/ED)

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=> s L4

L5 3 L4

=> d ibib abs hitstr 1-

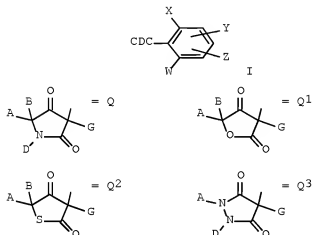
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:75284 CAPLUS Full-text
DOCUMENT NUMBER: 144:144757
TITLE: Selective insecticidal and/or acaricidal compositions
based on cyclic dicarbonyl compounds and safeners
INVENTOR(S): Fischer, Reiner; Reckmann, Udo; Rosinger, Chris;
Sanwald, Erich; Arnold, Christian
PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
SOURCE: PCT Int. Appl., 89 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006008107	A1	20060126	WO 2005-EP7790	20050718
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
DE 102004035131	A1	20060216	DE 2004-102004035131	20040720
AU 2005263566	A1	20060126	AU 2005-263566	20050718

CA 2574199	A1	20060126	CA 2005-2574199	20050718
EP 1773126	A1	20070418	EP 2005-762457	20050718
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101001529	A	20070718	CN 2005-80024790	20050718
JP 2008506739	T	20080306	JP 2007-521873	20050718
BR 2005013502	A	20080506	BR 2005-13502	20050718
PRIORITY APPLN. INFO.:			DE 2004-102004035131A	20040720
			WO 2005-EP7790	W 20050718

OTHER SOURCE(S): MARPAT 144:144757
GI



AB The title insecticidal and/or acaricidal compns. comprise a cyclic dicarbonyl compound I [W, Z = H, halo, alkyl, alkenyl, alkynyl, NO₂, CN, etc.; X = halo, alkyl, alkenyl, alkynyl, alkoxy, alkylthio, NO₂, CN, etc.; Y = H, halo, (halo)alkyl, etc.; CDC = Q, Q1, Q2, Q3; A = H, (halo)alkyl, alkenyl, cycloalkyl, (un)substituted heterocyclyl, etc.; B = H, alkyl or alkoxyalkyl; ACB = cycle; D = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; ACD = cycle; G = halo or NO₂] and safeners (MON-4660, dicyclonon, benoxacor, etc.).

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:158674 CAPLUS Full-text

DOCUMENT NUMBER: 142:361533

TITLE: Preparation of 4-biphenylpyrazolidin-3,5-diones as pesticide agents

INVENTOR(S): Fischer, Reiner; Gesing, Ernst Rudolf F.; Feucht, Dieter; Kuck, Karl-Heinz; Loesel, Peter; Malsam, Olga; Arnold, Christian; Auler, Thomas; Hills, Martin; Jeffrey, Kehne, Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 114 pp.

CODEN: PIXXD2

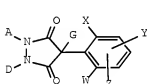
DOCUMENT TYPE: Patent

LANGUAGE: German

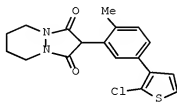
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

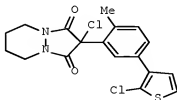
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005016933	A1	20050224	WO 2004-EP8639	20040802
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10337496	A1	20050414	DE 2003-10337496	20030814
AU 2004265090	A1	20050224	AU 2004-265090	20040802
CA 2535868	A1	20050224	CA 2004-2535868	20040802
EP 1656383	A1	20060517	EP 2004-763709	20040802
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
CN 1835954	A	20060920	CN 2004-80023261	20040802
BR 2004013583	A	20061017	BR 2004-13583	20040802
JP 2007502256	T	20070208	JP 2006-522946	20040802
IN 2006DE00003	A	20070831	IN 2006-DE3	20060102
US 20070093391	A1	20070426	US 2006-567383	20060906
PRIORITY APPLN. INFO.:			DE 2003-10337496	A 20030814
			IN 2004-DE1308	A3 20040716
			WO 2004-EP8639	W 20040802
OTHER SOURCE(S):	MARPAT 142:261533			
GI				



I



II



III

AB Title compds. I [X = halo, alkyl alkenyl, etc.; Y = (un)substituted aryl, heteroaryl; A = H, (un)substitute alkyl, alkenyl, etc.; D = H, (un)substituted alkyl, alkenyl; G = halo, NO₂; W = H, halo, alkyl; Z = H, halo, alkyl, etc.] were prepared For example, tert-Bu hypochlorite mediated chlorination of

dione II, afforded pyrazolidine-3,5-dione III in 57% yield. Compds. I are claimed to be useful as pesticide agents.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:605442 CAPLUS Full-text

DOCUMENT NUMBER: 141:135691

TITLE: Selective herbicidal compositions comprising cyclic dicarbonyl compounds and safeners

INVENTOR(S): Feucht, Dieter; Fischer, Reiner; Lehr, Stefan; Bojack, Guido; Auler, Thomas; Hills, Martin; Rosinger, Chris; Willms, Lothar; Ziemer, Frank

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany

SOURCE: Ger. Offen., 38 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

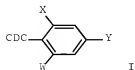
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10301806	A1	20040729	DE 2003-10301806	20030120
AU 2004206721	A1	20040805	AU 2004-206721	20040107
CA 2513510	A1	20040805	CA 2004-2513510	20040107
WO 2004064520	A1	20040805	WO 2004-EP38	20040107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
EP 1587367	A1	20051026	EP 2004-700451	20040107
EP 1587367	B1	20070523		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004006825	A	20051227	BR 2004-6825	20040107
CN 1761396	A	20060419	CN 2004-80007513	20040107
JP 2006515366	T	20060525	JP 2006-500521	20040107
AT 362703	T	20070615	AT 2004-700451	20040107
ES 2286591	T3	20071201	ES 2004-700451	20040107
MX 2005PA07656	A	20050930	MX 2005-PA7656	20050718
US 20060160703	A1	20060720	US 2006-542513	20060221
PRIORITY APPLN. INFO.:			DE 2003-10301806	A 20030120
			WO 2004-EP38	W 20040107

OTHER SOURCE(S): MARPAT 141:135691

GI



I

AB The invention concerns selective herbicidal compns. comprising a substituted, cyclic dicarbonyl compound and a safener, in particular cloquintocet-mexyl and

mefenpyr di-Et. The substituted, cyclic dicarbonyl compound is I [W = H, halo, (halo)alkyl, alkenyl, alkynyl, NO₂, CN, etc.; X = halo, (halo)alkyl, alkyl, alkenyl, alkynyl, etc.; Y = H, (halo)alkyl, haloalkoxy, NO₂, CN, (un)substituted Ph or heteroaryl; CDC = Q, Q1, etc.; A = H, (halo)alkyl, (halo)alkenyl, etc.; B = H, alkyl or alkoxyalkyl; D = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; ACB = carbocyclyl or heterocyclyl; ACBD = heterocyclyl; G = halo or NO₂].

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 12:56:42 ON 13 JUN 2008